

REMARKS

Claims 1-110 are pending. Claims 5-26, 31-47, 49, 51-69, 71, 73-89, 91 and 93-110 have been withdrawn from consideration. Claims 1-3, 27-29, 48, 70, 72, 90 and 92 have been amended. Of the claims currently under consideration, claims 1-3, 27-29, 48, 70 and 90 are independent.

Claims 70, 72, 90 and 92 were rejected under Section 112, first paragraph, as allegedly failing to meet the written description requirement. The Office Action alleges that there is no disclosure of a “computer-readable medium” to perform the functions described in the claims. Applicants disagree.

The specification, for example at page 60, line 25 to page 61, line 14, makes very clear that the functions of the mobile router, and those of the home agent, may be implemented by a *program stored in a storage media* such as ROM, RAM or the like *to configure the CPU or MPU to perform* the disclosed functions of these elements. One of ordinary skill in the art would know that “storage media . . . [storing a program] to configure the CPU or MPU to perform [functions]. . .” is a computer-readable medium storing a program, as is claimed. Withdrawal of the rejection is respectfully requested.

Claims 70, 72, 90 and 92 were also rejected under Section 101 as possibly being readable on a transient medium, such as a carrier wave. To ensure that these claims cannot be interpreted as reading on a transient medium, they have been amended to explicitly recite that they are directed to a “non-transient” computer-readable medium. Withdrawal of the rejection is respectfully requested.

Claims 1-4, 27-30, 48, 50, 70, 72, 90 and 92 were rejected under 35 U.S.C. § 103 over applicant’s admitted prior art (APA) in view of Tari (U.S. Patent Pub. No. 2003/0016636).

Amended independent claim 1 recites, *inter alia*, a data communication system in which a mobile router includes a plurality of communication means of a communication service containing

a same or different types of services, and a control table which stores a plurality of addresses each respectively assigned to one of the plurality of communication means, and respective route information of the plurality of communication means, such that respective address and route information are associated with each other. The system of claim 1 employs a mobile router that provides multiple communications interfaces (a plurality of communications means) with a home agent, and respective addresses (e.g., IP addresses) obtained by each of the communication interfaces are administered by a control table.

In contrast, in Tari, the interface at the side of the global network of the mobile router in the table of Tari's Fig. 7 is singular. Tari does not teach or suggest the claimed feature having a table in which multiple addresses respectively assigned to a plurality of communication means of the mobile router, are registrable. By virtue of the claimed features, load dispersion to multiple lines between a mobile router and a home agent can be accomplished.

Amended claims 2-3, 27-29 and 70 recite similar features and are believed patentable over the APA in view of Tari for substantially similar reasons.

Independent claims 48 and 90 are drafted from the point of view of the home agent and allow for the configuring of a logical line by combining lines of a plurality of communications means of the mobile router and communicating with the mobile router through this line. These claims are also believed patentable over the cited art.

The dependent claims are believed patentable for at least the same reasons as their respective base claims.

In view of the above amendments and remarks, applicants believe the pending application is in condition for allowance and entry of this amendment and allowance of the application is respectfully requested.

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Respectfully submitted,

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